Product overview

Product	MSE AUTODAILER V1.00
Part No.	
Digital communication	GSM 2G Communications

Product information

Description:

A professional emergency notification and automatic dialing unit, designed to relay external alarm signals (dry contact input - open/closed) to immediate multi-channel alerts for rapid response. Upon receiving any signal from any connected system (such as security/intrusion alarms, equipment malfunctions, power outages, water leaks, server room/HVAC alarms, industrial panels, ventilators, or fire alarm panels), the unit automatically dials pre-programmed phone numbers and broadcasts a pre-recorded voice message during the call, clearly stating the event, location, and required action. Simultaneously, it sends SMS alerts to designated recipients to notify them immediately and enable them to take appropriate action. The device supports multiple call lists, sequential call routing, and retry logic to ensure the highest reliability in delivery, making it ideal for critical facilities such as commercial buildings, factories, data centers, service facilities, and hospitals.

Specifications:

- **Contactable Numbers:** 8 predefined numbers for direct dialing in case of emergency.
- **Message Alerts:** Sends alert messages to 8 numbers with fire location and status.
- **Power Supply:** Rechargeable battery for continuous use during power outages.
- **Installation:** Easy setup in homes, offices, and public spaces.

Features:

- **Instant Communication:** Quick connection to emergency numbers.
- **Text Alerts:** Sends detailed emergency messages.
- **Reliable Security:** Works in smoke and fire conditions.
- **Versatile Use:** Suitable for homes, businesses, and facilities needing emergency alerts.

Technical data

All data is supplied subject to change without notice. Specifications are typical at 24 V.

Specifications	
DC	12v : 24v(recommendation 12v)
Current	2.3 A
GSM	Supports 4 networks: Vodafone, Etisalat, Orange, and WE.
Temperature	range 320F to 120ºF (0ºC to 49ºC)

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Location: Carrefour Maadi3075 ، El Merag city, Ring Rd, Cairo Governorate, Egypt

Operating and Requirements:

- **Model:** GSM800L
- **Requirements:** Compatible with GSM networks (Vodafone, Etisalat, Orange, WE). Requires a SIM card and stable network signal for optimal operation.

Common Issues and Solutions:

1. **Issue: No Signal or Weak Signal**
    - **Solution:** Ensure the device is within coverage range of the GSM network. Move to an area with better signal reception or check if the SIM card is properly inserted.
2. **Issue: Device Not Connecting to Network**
    - **Solution:** Restart the device and check if the network settings are correct. Verify if the GSM network is available in your area.
3. **Issue: Battery Not Charging**
    - **Solution:** Check the power source and charging cable. Ensure the battery is properly connected and the charger is functioning.
4. **Issue: Unable to Send SMS**
    - **Solution:** Verify that the recipient numbers are correct and that the device has sufficient balance or credits for sending messages.
5. **Issue: Device Not Powering On**
    - **Solution:** Ensure the battery is charged. If the issue persists, check the device's power button or consider resetting the device.

Forgotten Password:

1. **Firmware Update:**
   A new firmware will be uploaded to reset the password.
2. **Password Reset:**
   The firmware update will allow you to reset the password to a default one.
3. **Reprogramming the Device:**
   After resetting the password, the device will be reprogrammed to restore the original code.
4. **Phone Numbers Reset:**
   The device will also require re-setting the contact numbers (the 8 emergency numbers) after the reset.

Once the firmware is updated and the settings are restored, you will be able to access the device and configure it again as needed.

The ISD1820 is a voice recording and playback IC that allows for recording and playback of audio signals. It features a built-in microphone input, a speaker output, and supports up to 20 seconds of audio storage.

In Simple Terms:
The ISD1820 is a chip used for recording and playing back audio, commonly used in devices like toys or alarms, offering easy integration for short sound effects.

Recording Duration: Up to 10 seconds (the duration can be shortened or extended depending on the application).

Voltage Operation: Operates on 3V to 5V.

Volume Control: Includes the ability to control the volume level during playback.

Automatic Recording: Once the record button is pressed, the program allows you to start recording.

Playback: The recorded sound can be played back when each call is opened.

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